

GOVERNMENT OF TELANGANA
ABSTRACT

MUNICIPAL ADMINISTRATION & URBAN DEVELOPMENT DEPARTMENT – Greater Hyderabad Municipal Corporation – Strategic Road Development Programme (SRDP) – Construction of 6 Lane Grade Separator (Fly Over) from Aramgarh to Zoo Park under SRDP under Engineering Procurement and Construction (EPC) / Turnkey Basis” – Revised Administrative Sanction – Accorded - Orders – Issued.

MUNICIPAL ADMINISTRATION & URBAN DEVELOPMENT (GHMC.I) DEPARTMENT

G.O.Rt.No. 39

Dated: 06-02-2024

Read the following:

1. G.O.Rt.No.325, MA&UD(GHMC) Department, dt:05.05.2018
2. G.O.Rt.No.874, MA&UD(GHMC) Department, dt:2.11.2018
3. G.O.Rt.No.174, MA&UD(GHMC) Department, dt:8.04.2020
4. G.O.Rt.No.319, MA&UD(GHMC) Department, dt:12.05.2022
5. From the Commissioner, GHMC, Hyderabad Lr.No.89/EE PD SZ-II/SE (P)SZ/CE (P)/GHMC/2022-23/1469, dt.08.02.2021.

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ORDER:

In the G.O. 1st read above, Government accorded administrative sanction for an amount of Rs.636.80 Cr. for construction of 6 Lane Grade Separator (Fly Over) from Aramgarh to Zoo Park under Strategic Road Development Programme (SRDP) including land acquisition cost. In the G.O. 2nd read above, Government accorded approval to the L1 bid of M/s BSCPL Infrastructure Limited at their quoted offer of (+)3.499% excess over the IBM Value of Rs.348,07,00,000/- with a Modified tender contract value of Rs.360,25,00,000/- for the aforesaid work and subsequently in the G.O.s 3rd and 4th read above, Government accorded approval for concluding the agreement for the work under EPC / Turnkey basis with the agency M/s BSCPL Infrastructure Limited.

2. In the reference 5th read above, the Commissioner, GHMC, reported that, there are certain variations in the sanctioned estimates due to increase in GST, Price variation, levy of Permit fee (new) by Government on Seigniorage Cess in addition to taking up of contingent works and thereby there was an increase in the Administratively Sanctioned amount.

3. The Commissioner, GHMC laid down the details of additional scope of work/Authorized Extras/Supplemental items, statutory items etc., in the work as below:

A. Increase in the viaduct area:.

As per tender drawings, A1 is @0/422 km and A2 @ 4/207 km with a Viaduct length of 3785 mts with 126 standard spans (of 30 mts) and deck area of 86940 sqm. As per IBM is 124 spans with a total deck area of 85560 sqm less by 1380 Sqm. On verification of the drawings furnished by the EPC Contractor duly vetted by PMC these additional 2 spans fall in Level-II portion and hence these two spans are to be incorporated in the works thereby there is a cost implication of Rs.4, 40, 68,920/-

B. Change from Portal to Central Pier @ Graveyard for 7 spans from P113 to P120:

As per IBM, portal pier were proposed from P113 to P120 (7 spans). The EPC Contractor while submitting the GAD, proposed portal piers from P116 to P120 (4 spans). However, on marking the portal pier foundations on ground, it is noticed that these foundations are falling on Darga @ P116 RHS, inside Graveyard compound wall from P117 to P119 on LHS and in Ganesh Temple premises @ P120 on RHS. In order to avoid religious structures, central Piers are proposed in place of Portals. Hence, all the 7 spans i.e., from P113 to P120 are proposed with Central Piers Level-II as per site conditions thereby there is a saving of 4830 Sqm in IBM thereby there is a cost reduction of Rs.2,09,86,350/-.

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C. Change in the length of up ramp and Downramp and Street lighting:

- i. As per IBM, the Up Ramp and Down Ramp of 8 spans and 6 spans of 30.00 mts each were considered. During the detail designing the EPC Agency suggested that acceleration length of 210 mts and deceleration length of 120 mts is necessary as per codal requirement instead of single span merging with main viaduct. Besides this, the viaduct level is raised by 2.83 mts to retain the foot bridge @ km 1/422 at P34. It was therefore necessary to provide 14 spans of 30 m in Up Ramp (7 spans of 30 mts + 7 spans of 30 mts for acceleration) and 12 spans of 30mt in Down Ramp (8 spans of 30 mts + 4 spans of 30 mts for deceleration) to achieve the limiting gradient as per codal requirements as well as to match with the vertical profile of the viaduct at the joining portion resulting in addition of 12 spans over the IBM. The increase in deck area because of increased length of viaduct is $12 \times 30 \times 8.5 = 3060$ sqm and the cost implication is Rs.7,84,86,095/-.
- ii. Further, in the IBM there was no provision for street lighting for Up & Down ramps. As per IBM rate, the cost for providing street lighting with LED lights for UP Ramp & Down ramp with Double Arm street light poles is Rs.11,53,688/-

D. Increase in maintenance of At grade roads:

- i. Due to heavy rains in the months of June, July and August-2022, the road got badly damaged from P64 to P80 and from AI to P6 locations and became very vulnerable to accidents. The PMC agency vide letter no. Aarvee/GHMC/A-Z/22-23/154A, dated: 14.09.2022 informed that the quantities provided in the estimate are not sufficient and requires further sanction to maintain the road to riding quality as the traffic is continued to be allowed in the project portion necessitating urgent repairs to avoid inconvenience to road users. The PMC agency vide Lr no. Aarvee/GHMC-PMC/A-Z/22-23/214A, dated: 25.12.2022 also reported that the road maintenance on the diversion roads proposed now are purely temporary for diverting traffic during construction stage till the permanent service roads are formed.
- ii. Further, there were VVIP visits in the flyover alignment viz., visit to Shatripuram on 21.12.2022 by the Hon'ble Chief Minister and the visit of Her Excellency, the President of India on 27.12.2022 to SVPNPA. In this regard, the EPC & PMC Agencies were asked to upkeep the road with the BT Layer on one side wherever the BT was not laid or worned out for VVIP movement. Accordingly, the PMC consultants identified the locations and indicated vide letter No. Aarvee/GHMC-PMC/A-Z/22-23/209A, dated: 21.12.2022 where the BT is worned out and no BT is existing on diversion roads. Further, it was also recommended to take up the 50mm thick DBM layer for up keeping the road for movement of VVIPs.
- iii. Again the Government vide Lr.No.6809/VS-1/2022(Protocol, GAD) dt.24.12.2022 directed to take up necessary repairs in front of SVP NPA, Hyderabad and from SVP NPA to Darululm immediately for smooth passage of the convoy of VVIP the President of India. Accordingly it was directed to take up the road maintenance works immediately where the BT is worned out and on the existing diversion roads. Further, it was also recommended to take up the 50mm thick DBM layer for up keeping the road for movement of VVIPs as per instructions.

- iv. In view of the VVIP movement, the above emergency BT maintenance works are inevitable, in spite of the above-mentioned facts. The cost implication based on IBM rate comes out Rs. 82,36,584/-.

E. C/D works not covered in IBM:

During excavation of foundations 600 mm dia Pipe culverts were observed @ 0/310 km & @ 0/370 km. Accordingly, the PMC Agency recommended for providing 2 No.s RCC single cell box culvert of Size 1.50mx1.50m to discharge the surface run-off @km 0/370 & 0/310. The cost implication of which is worked out to at Rs 52, 64,635/- based on IBM rates.

F. Additional Up Ramp and Down Ramp at Shastripuram junction:

To provide additional up ramp and down ramp at Shastripuram junction for direct access between Aramgarh and Shastripuram junction, the EPC contractor prepared the proposals wherein the Up Ramp (7 spans of 30 mts + 7spans of 30 mts for acceleration) and the Down Ramp (8 spans of 30 mts + 4 spans of 30 mts for deceleration) & 2550S qm for RE wall approaches and 34 Nos of Double armed street lightning. These are vetted by the PMC wherein it was informed that the deck area over and above the IBM quantity is 6630 sqm and RE wall 2550 Sqm. The cost implication for the above additional scope of work is Rs.20,07,97,094/- based on the IBM rates.

G. GST, Price Variation, Permit Fee, allied contingent works, Shifting of utilities:

- i. As per circular Memo no. 1823205-A/231/A1/WP/2022, dated: 29.12.2022 change in GST rates from 12% to 18% is to be adopted w.e.f 18.07.2022, thereby an additional provision of Rs.40,25,25,197/- is made in the Revised Estimate. Considering cost escalation @ 18%, a provision for an additional amount of Rs.52,78,98,920/- is made in the estimate.
- ii. As per Circular Memo No. ENC/GHMC/TA-II/K8/2022-23/890, dt:14.11.2022 of Commissioner, GHMC on par with the Government policy on seigniorage, Permit fee provision @ 80% on seigniorage charges amounting to Rs.3,95,95,448/- is provided in Part B of the Revised Estimate.
- iii. Few allied works are taken up with due approval and assigned to the agencies through tender process (e-Procurement) which are contingent and essential in connection with completion of the work such as Construction of Compound walls after demolition, reconstruction of affected/demolished buildings, Shifting of existing storm water drain etc., in respect of Government establishments viz., HMWSSB, NPA, Traffic Police etc., for which an amount of Rs.17,16,00,000/- is provided in the RE.
- iv. Further, certain payments are made/yet to be made to the line departments like TSSPDCL, TRANSCO, HMWSSB for shifting of utilities costing Rs.46,09,46,000/-.

4. The Commissioner, GHMC therefore reported that, the cost variation due to the above changes in the scope of work, deliverables, statutory provisions etc., were worked out based on the rates of similar items rates as per the IBM and for non-EPC items i.e., allied contingent works, shifting of utilities, it was worked out based on SSR and estimates received from line departments. The details are tabulated as below:

(Rs. In lakhs)

S No.	Description of Item	As per Estimate	Revised Estimate
1	Civil work	33793.43	36963.64
2	Survey, Soil Investigation, Design, Proof Checking and Safety consultancy charges including barricading and traffic control during construction @3.0%.	1013.80	1108.91
3	GST @ 12%	4177.00	413.66
4	GST @18% on the balance works as on 18.07.2022	0.00	7788.46
5	Quality Control Charges @ 0.50%	174.00	190.36
6	Provisions for NAC @ 0.10%	35.00	38.07
7	Provision for PMC Consultancy Charges @ 3%	1044.00	500.00
8	Provision for Utility Shifting	696.00	4609.46
9	Seigniorages Charges incl. SMET and DMFT	452.00	494.94
10	Permit fee @ 80% on seignioragecess		395.95
11	LabourCess @ 1%	348.00	380.73
12	Land Acquisition	17500.00	17044.55
13	LS towards land scaping	1315.00	500.00
14	LS for Tender Premium	1218.00	1332.16
15	LS for Price Escalation	1218.00	6496.99
16	LS for Unforeseen items of work	696.00	1716.00
	Total	63680.00	79974.00

5. Accordingly, the Commissioner, Greater Hyderabad Municipal Corporation, Hyderabad has requested the Government to accord approval for the Revised Estimate for an amount of Rs.799.74 Cr in view of the following variations (detailed above) in the work of "Construction of 6 lane Grade separator (flyover) from Aramgarh to Zoo Park under SRDP under EPC":

- Additional Up Ramp and Down Ramp at Shastripuram Junction.
- Central Pier in place of Portal @ Grave yard near Zoo park for 7 spans from P113 to P120
- Increase in the via duct area of flyover
- Increase in the length of Up Ramp and Down Ramps and provision for Street lighting
- Provision for GST (increase from 12% to 18%), Price Variation, levy of new Permit Fee, Allied contingent works, Shifting of utilities etc.,
- Increase in cost of repair and maintenance of existing road during construction
- Additional works not covered in IBM
- Executing additional items/supplementary items with the subsisting agency M/s BSCPL with the same tender premium.

6. In the above circumstances reported by the Commissioner, Greater Hyderabad Municipal Corporation, Hyderabad and after careful examination of the matter, Government hereby accords Revised Administrative Sanction for an amount of Rs.799.74 Cr (Rupees Seven Hundred and Ninety Nine Crores and Seventy Four lakhs Only), pending approval of Standing Committee & General Body, GHMC, duly superseding the original administrative sanction of Rs.636.80 Crores issued in the G.O. 1st read above, for the work "Construction of 6 lane Grade separator (flyover) from Aramgarh to Zoo Park" subject to meeting the additional expenditure from GHMC funds under the Head of Account "41200-41-Major Roads Development /Up gradation-SRDP Works".

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7. The Commissioner, Greater Hyderabad Municipal Corporation, Hyderabad shall take further necessary action in the matter accordingly.

8. This order is issued with the concurrence of the Finance (DCM) Department vide their U.O.No.1901279/46/A2/DCM/2023, dated:10.03.2023.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF TELANGANA)

M. DANA KISHORE
PRINCIPAL SECRETARY TO GOVERNMENT

To
The Commissioner,
Greater Hyderabad Municipal Corporation, Hyderabad.

Copy to:

P.S. to Special Secretary to Chief Minister.

OSD to Principal Secretary to Government, MA&UD Department.

P.A. to Special Secretary to Government, MA&UD Department.

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// FORWARDED :: BY ORDER//

SECTION OFFICER